

**22/SP-COP-2800-65294 Java Programming**

**Exercise 2.2**

Document Version: 0.1

Version Date: January 22, 2022

Created By: Created By: Johnathan Webster

# Document Version Control

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| Version | Date | Author | Rationale |
| 0.1 | 2022 JAN 22 | Johnathan Webster | First Draft |

# Document Purpose

The purpose of the document is to define the Gratuity Rate class.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this implementation is to provide a total with a gratuity are calculated in.

## Technical Implementation Components

The class has three components. The getSubTotal() method to ask the user for the subtotal. The getGratuityRate() method to get the gratuity rate from the user. The final System.out.println() method with the grand total of the previous two methods.

## Gratuity Rate Implementation

The class begins by prompting the user to enter the subtotal in an integer format. Next, the program has the user enter the gratuity rate as a whole percentage. The program will then convert the gratuity rate into a double (floating point value) and then multiply by the subtotal provided. Finally, the program will display the gratuity rate and the total after all has been calculated.